

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

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| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Nobuharu Katsuki, et al |
| Art Unit | |
| Examiner Name | |
| Attorney Docket No. | MAT-8585US |

10/502223

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number - Kind Code ² (if known) | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known) | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--------------------------|
| MC | | JP 2001-141682 A (with English abstract) | 05-25-2001 | NEW COSMOS ELECTRIC CORP | | <input type="checkbox"/> |
| | | JP 56-148047 (with English abstract) | 11-17-1981 | KOMYO RIKAGAKU KOGYO K.K. AND TOKYO GAS CO., LTD. | | <input type="checkbox"/> |
| | | JP 07-055748 (w/English abstract) | 03-03-1995 | RICOH SEIKI CO LTD | | <input type="checkbox"/> |
| | | JP 2001-124716 (w/English abstract) | 05-11-2001 | KOMYO RIKAGAKU KOGYO KK | | <input type="checkbox"/> |
| | | JP 08-184576 (w/English abstract) | 07-16-1996 | KIMURA MITSUTERU | | <input type="checkbox"/> |
| | | JP 04-291141 (w/English abstract) | 10-15-1992 | NGK INSULATORS LTD | | <input type="checkbox"/> |
| MC | | JP 62-12861 (w/English abstract) | 01-26-1987 | TOKYO GAS CO., LTD., ET AL. | | <input type="checkbox"/> |

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| Examiner Signature | | Date Considered | 12-8-06 |
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²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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| | Application Number | To Be Assigned 10/502223 |
| | Filing Date | Herewith |
| | First Named Inventor | Nobuharu Katsuki, et al. |
| | Art Unit | |
| | Examiner Name | |
| SHEET 2 of 2 | | Attorney Docket No. MAT-8585US |

| NON-PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| MC | | International Search Report for application No. PCT/JP03/14849 dated February 3, 2004 | |
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